

Title (en)
SYSTEMS AND METHODS FOR TARGETED THERAPEUTIC NASAL NEUROMODULATION

Title (de)
SYSTEME UND VERFAHREN ZUR GEZIELTEN THERAPEUTISCHEN NASALEN NEUROMODULATION

Title (fr)
SYSTÈMES ET MÉTHODES DE NEUROMODULATION NASALE THÉRAPEUTIQUE CIBLÉE

Publication
EP 3989810 A2 20220504 (EN)

Application
EP 20756949 A 20200629

Priority

- US 201962868351 P 20190628
- US 201962868365 P 20190628
- US 201962868357 P 20190628
- IB 2020000544 W 20200629

Abstract (en)
[origin: WO2020260950A2] The invention provides systems and methods providing precision targeting of neural structures for the treatment of a condition while avoiding collateral damage to surrounding structures, such as blood vessels and/or other nerve tissue. The invention further provides systems and methods for treating at least one of rhinitis, congestion, and/or rhinorrhea via thrombus formation. The invention further provides systems and methods for detection, identification, and precision targeting of neural tissue for the treatment of a neurological condition while minimizing or avoiding collateral damage to surrounding or adjacent non-neural tissue, such as blood vessels and bone, as well as non-targeted neural tissue.

IPC 8 full level
A61B 5/053 (2021.01); **A61B 18/00** (2006.01); **A61B 18/14** (2006.01); **A61N 1/05** (2006.01); **A61N 1/36** (2006.01)

CPC (source: CN EP US)
A61B 5/0538 (2013.01 - CN US); **A61B 5/4893** (2013.01 - CN US); **A61B 18/1485** (2013.01 - CN EP US); **A61N 1/0546** (2013.01 - CN US); **A61N 1/36014** (2013.01 - CN); **A61N 1/3603** (2017.07 - CN); **A61N 1/3606** (2013.01 - CN US); **A61B 5/0538** (2013.01 - EP); **A61B 5/4893** (2013.01 - EP); **A61B 2018/00267** (2013.01 - CN EP US); **A61B 2018/00327** (2013.01 - CN EP US); **A61B 2018/00404** (2013.01 - CN EP); **A61B 2018/00434** (2013.01 - CN EP US); **A61B 2018/00577** (2013.01 - CN EP US); **A61B 2018/00791** (2013.01 - CN EP); **A61B 2018/00839** (2013.01 - CN EP US); **A61B 2018/00875** (2013.01 - CN EP); **A61N 1/0546** (2013.01 - EP); **A61N 1/36014** (2013.01 - EP); **A61N 1/3603** (2017.07 - EP US); **A61N 1/3606** (2013.01 - EP)

Citation (search report)
See references of WO 2020260950A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020260950 A2 20201230; **WO 2020260950 A3 20210204**; AU 2020304946 A1 20220127; CA 3145166 A1 20201230; CN 114630632 A 20220614; EP 3989810 A2 20220504; JP 2022539155 A 20220907; US 2022361941 A1 20221117

DOCDB simple family (application)
IB 2020000544 W 20200629; AU 2020304946 A 20200629; CA 3145166 A 20200629; CN 202080061038 A 20200629; EP 20756949 A 20200629; JP 2021577418 A 20200629; US 202017623456 A 20200629